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<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	10/816,409
	Filing Date	04/01/2004
	First Named Inventor	Jose Tellado
	Art Unit	2611
	Examiner Name	Ahn, Sam K
Total Number of Pages in This Submission	Attorney Docket Number	Teranetics-1003

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to TC
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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT		
Firm Name	Teranetics, Inc.	
Signature	<i>Brian R. Short</i>	
Printed name	Brian R. Short	
Date	October 4, 2007	Reg. No. 41,309

CERTIFICATE OF TRANSMISSION/MAILING		
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IN THE UNITED STATES PATENT OFFICE

In re Application of: Jose Tellado	)	Art Unit.:	2611
Serial No.: 10/816,409	)		
	)	Examiner:	Ahn, Sam K
Filed: April 1, 2004	)		
	)	Confirmation No.:	4973
For: Sub-Block Domain Transformation	)		
Multiple Signal Processing	)		
	)		
	)		
	)		

MAIL STOP AMENDMENT  
Commissioner for Patents  
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Alexandria, VA 22313-1450

**RESPONSE TO NOTICE OF NON-COMPLIANCE DATED 9/26/2007**

**RESPONSE TO OFFICE ACTION DATED 03/08/2007**

Dear Sir:

The Examiner's comments and the references cited in the Office Action mailed 08 March 2007 have been carefully considered and are addressed in the remarks provided herein as follows:

**Amendments** to the claims begin on page 2; and

**Remarks** begin on page 14 of this paper.